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| <p style="text-align: center;"><b>UTILITY<br/>PATENT APPLICATION<br/>TRANSMITTAL</b></p> <p>(Only for new non-provisional applications under 37 CFR 153(b))</p> | <b>Attorney Docket Number:</b>  | PAVT016US0   |
|   | <b>First Named Inventor or Application Identifier:</b>  | Sayyarodsari, et al.   |
|   | <b>Title:</b>   | A System and Method of Adaptive Control of Processes with Varying Dynamics |
|   | <b>Express Mail Label No.:</b>  | EV 417743502 US  |
| <p style="text-align: center;"><b>APPLICATION ELEMENTS</b></p> <p>See MPEP chapter 600 concerning utility patent application contents.</p>                      | <p><b>ADDRESS TO:</b> Mail Stop Patent Application<br/>Commissioner for Patents<br/>P.O. Box 1450<br/>Alexandria, VA 22313-1450</p> |  |

 22141 U.S. PTO  
107730835
**ACCOMPANYING APPLICATION PARTS**

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| 1. <b>XX</b> Fee Transmittal Form (submitted in duplicate)<br>2. ___ Applicant Claims Small Entity Status<br>3. <b>XX</b> Specification: Total Pages: <u>56</u><br>4. <b>XX</b> Drawing(s) (35 U.S.C. 113): Total Sheets: <u>57</u><br>5. <b>XX</b> Oath or Declaration: Total pages: <u>3</u><br>a. <b>XX</b> Newly executed (original or copy)<br>b. ___ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional with Box 17 completed)<br>i. ___ <u>Deletion of Inventor(s)</u> . Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).<br>6. ___ Application Data Sheet. 37 CFR 1.76<br>7. ___ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix) | 8. <b>XX</b> Assignment papers (cover sheet & document(s))<br>9. ___ CFR 3.73(b) Statement (when there is an assignee)<br>___ Power of Attorney<br>10. ___ English Translation Document (if applicable)<br>11. ___ Information Disclosure Statement. (IDS)/PTO-1449.<br>___ Copies of IDS citations<br>12. ___ Preliminary Amendment<br>13. <b>XX</b> Return Receipt Postcard. (MPEP 503) (should be specifically itemized.)<br>14. ___ Certified Copy of Priority Document(s) (if foreign priority is claimed.)<br>15. ___ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Must attach form PTO/SB/35 or its equivalent.<br>16. ___ Credit Card Authorization for Payment |
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**17. If a Continuing Application:** (check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

\_\_\_ Continuation \_\_\_ Divisional \_\_\_ Continuation-in-part of prior application No. \_\_\_\_\_  
 Prior application Information: Examiner \_\_\_\_\_ Group/Art Unit \_\_\_\_\_

For Continuation or Divisional only: The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 5b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference. The incorporation **can only** be relied upon when a portion has been inadvertently omitted from the submitted application parts.

Correspondence Address:

37,141 Customer Number or Bar Code Label:

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 Heinz D. Grether, Reg. No. 34,111

9 Dec 2003  
 Date

EL 417743516

|  |                              |   |
|--|------------------------------|---|
| <b><u>FEE TRANSMITTAL</u></b><br>(Submit in Duplicate) | <u>Application Title:</u>    | <b>A SYSTEM AND METHOD OF ADAPTIVE CONTROL OF PROCESSES WITH VARYING DYNAMICS</b> |
|  | <u>First Named Inventor:</u> | Sayyarodsari, et al.  |
|  | <u>Attorney Docket No:</u>   | PAVT016US0  |

**METHOD OF PAYMENT**

1. *Deposit Account Authorization*

- a. **XXX** The Commissioner is hereby authorized to charge the filing fee and any deficiencies and credit any overpayments to:
- i. Deposit Account Number: **50-2002**
  - ii. Deposit Account Name: **Pavilion Technologies, Inc.**
- b. **XXX** The Commissioner is hereby authorized to charge any additional fees required under 37 CFR 1.16 and 1.17.
- c.        Applicant Claims Small Entity Status.

2. *Payment Enclosed*

- a. **XXX** Check
- b.        Credit Card
- c.        Money Order
- d.        Other

**FEE CALCULATION**

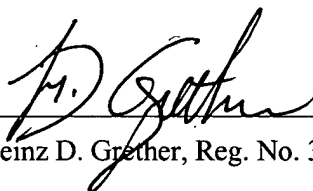
| Filing Fee Calculation |                  |                                       |                            |                              |        |
|------------------------|------------------|---------------------------------------|----------------------------|------------------------------|--------|
| Entity                 | Basic Filing Fee | Each Independent Claim in Excess of 3 | Each Claim in Excess of 20 | Multiple Dependent Claim Fee | Total  |
| Small                  | \$385            | 3 x \$ 43 = 129                       | 31 x \$ 9 = 279            | 0 x \$140 = 0.00             | \$793  |
| Other                  | \$770            | 1 x \$86 = 86                         | 19 x \$18 = 342            | 0 x \$290 = 0                | \$1198 |

**XXX** Total Filing Fee: \$1198

       Assignment Recording Fee \$40

       Other Fee Payment \$

**XXX** TOTAL \$1238

  
Heinz D. Grether, Reg. No. 34,111